

Summary

5 A fuel injector (1) for injecting water, in particular into the gas flow of fuel cells, has a valve needle (19) having joined to its spray-discharge end a valve-closure member (21), which cooperates with a valve-seat surface (20) formed on a valve-closure member (29) a sealing seat. A spray-discharge orifice (7) is provided downstream from the sealing seat, at least a portion of the surfaces of the fuel injector (1) that come into contact with water being coated by a corrosion-inhibiting and/or friction-reducing coating (33).

(Figure 1)